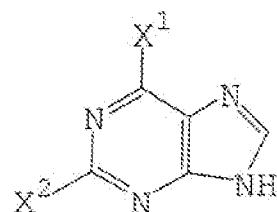


AMENDMENTS TO THE CLAIMS

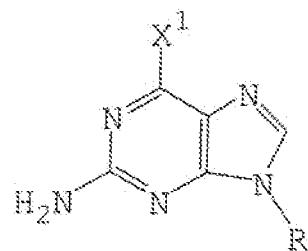
1-3. (Cancelled)

4. (Currently Amended) The production method of claim 1, wherein the reaction is carried out ~~A~~ production method of 2,6-dihalopurine of the formula [III]

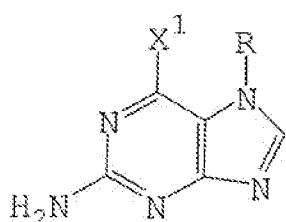


[III]

wherein X¹ and X² are the same or different and each is a halogen atom, which comprises reacting a compound of the formula [Ia] or [Ib]



[Ia]

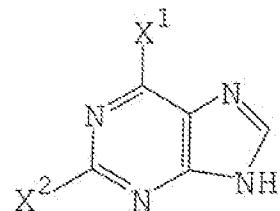


[Ib]

wherein X¹ is a halogen atom and R is a hydrogen atom or acyl group, with a halosilane compound and an agent for diazo reaction in the presence of a quarternary ammonium salt.

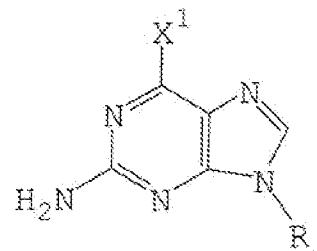
5. (Original) The production method of claim 4, wherein the quarternary ammonium salt is tetraethylammonium chloride or benzyltriethylammonium chloride.

6. (Currently Amended) The production method of claim 1, wherein R is A production method of 2,6-dihalopurine of the formula [III]

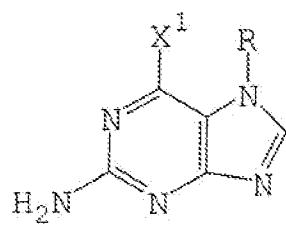


[III]

wherein X¹ and X² are the same or different and each is a halogen atom, which comprises reacting a compound of the formula [Ia] or [Ib]



[Ia]

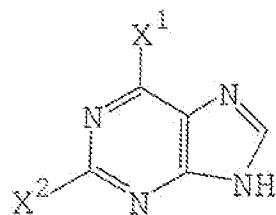


[Ib]

wherein X¹ is a halogen atom and R is an acyl group, with a halosilane compound and an agent for diazo reaction.

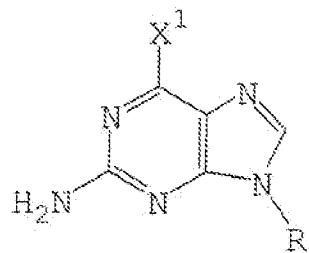
7. (Original) The production method of claim 6, wherein the acyl group for R is acetyl group.

8. (Currently Amended) The production method of claim 4; A production method of 2,6-dihalopurine of the formula [III]

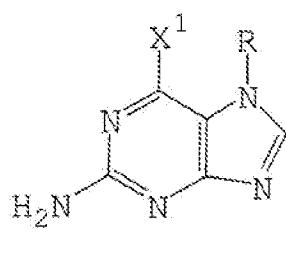


[III]

wherein X¹ and X² are the same or different and each is a halogen atom, which comprises reacting a compound of the formula [Ia] or [Ib]



[Ia]

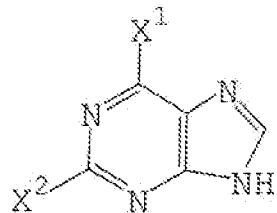


[Ib]

wherein X¹ is a halogen atom and R is a hydrogen atom or acyl group, with a halosilane compound and an agent for diazo reaction, wherein the halosilane compound is chlorotrimethylsilane or dichlorodimethylsilane.

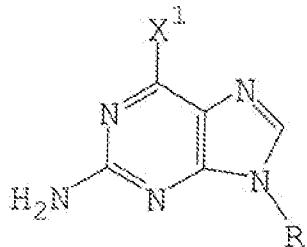
9. (Cancelled)

10. (Currently Amended) The production method of claim 4; A production method of 2,6-dihalopurine of the formula [III]

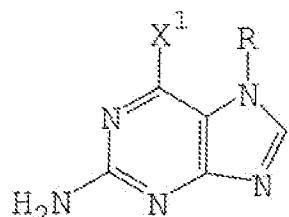


[II]

wherein X^1 and X^2 are the same or different and each is a halogen atom, which comprises reacting a compound of the formula [Ia] or [Ib]



[Ia]



[Ib]

wherein X^1 is a halogen atom and R is a hydrogen atom or acyl group, with a halosilane compound and an agent for diazo reaction, wherein, after introducing an acyl group into the 9-position or the 7-position of compound of the formula [Ia] or [Ib], wherein R is a hydrogen atom, the obtained compound of the formula [Ia] or [Ib], wherein R is acyl group, is reacted with halosilane compound and the agent for diazo reaction.